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WU-Blast2 Summary Table

SUBMISSION PARAMETERS			
Title	Sequence	Database	uniprot
Sequence length	450	Sequence type	p
Program	WU-blastp	Version	2.0MP-WashU [01-Jan-2006]
Matrix	BLOSUM62	Number of scores	100
Number of alignments	50	Expected threshold	10
<input type="button" value="Show Annotation"/> <input type="button" value="Bias Result"/> <input type="button" value="MView"/> <input type="button" value="DBClustal"/> <input type="button" value="XML"/> <input type="button" value="SUBMIT ANOTHER JOB"/>			
<input type="button" value="Show Alignments"/> <input type="button" value="Clear all"/> <input type="button" value="Check all"/> <input type="button" value="Invert selection"/> <input type="button" value="Reset"/>			

Alignment DB:ID	Source	Length	Score	Identity%	Positives% EQ
1 <input checked="" type="checkbox"/> UNIPROT:NHX7_ARATH	Sodium/hydrogen exchanger 7 (Na ⁺)/H ⁺ exchanger 7 (NHE-7). (Protein SALT OVERLY SENSITIVE 1).	1146	2249	100	100
2 <input checked="" type="checkbox"/> UNIPROT:NHX8_ARATH	Sodium/hydrogen exchanger 8 (Na ⁺)/H ⁺ exchanger 8 (NHE-8). (Protein SALT OVERLY SENSITIVE 1B).	756	1814	76	88
3 <input checked="" type="checkbox"/> UNIPROT:Q19N58_P0PEU	Na ⁺ /H ⁺ antiporter.	1145	1680	75	86
4 <input checked="" type="checkbox"/> UNIPROT:Q1IESY8_9CARY	Putative Na ⁺ /H ⁺ antiporter.	1169	1668	73	85
5 <input checked="" type="checkbox"/> UNIPROT:Q4L224_WHEAT	Putative plasma membrane Na ⁺ /H ⁺ antiporter.	1142	1625	75	88
6 <input checked="" type="checkbox"/> UNIPROT:Q7XBF9_ORYSA	Putative Na ⁺ /H ⁺ antiporter.	1142	1625	75	87
7 <input checked="" type="checkbox"/> UNIPROT:Q0ILJ6_ORYSA	Os12g0641100 protein.	1142	1625	75	87
8 <input checked="" type="checkbox"/> UNIPROT:Q5ICN3_ORYSA	Na ⁺ /H ⁺ antiporter (Plasma membrane Na ⁺ /H ⁺ antiporter, putative, expressed).	1148	1625	75	87
9 <input checked="" type="checkbox"/> UNIPROT:Q8GUE7_9LIL	Putative Na/H antiporter.	1145	1608	70	83

10 <input checked="" type="checkbox"/>	<u>UNIPROT:Q4W3B5_SOLC</u>	Putative plasmalemma Na+/H+ antiporter.	1151	1579	71	82	3.4e-161
11 <input checked="" type="checkbox"/>	<u>UNIPROT:Q7XB48_PHYP</u>	Putative Na/H antiporter.	1153	1418	63	80	3.9e-144
12 <input checked="" type="checkbox"/>	<u>UNIPROT:Q8D8X5_VIBVU</u>	NhaP-type Na+/H+ and K+/H+ antiports.	831	862	43	64	3.2e-85
13 <input checked="" type="checkbox"/>	<u>UNIPROT:Q7MLJB_VIBVY</u>	NhaP-type Na+/H+ and K+/H+ antiporter.	831	861	43	64	4.1e-85
14 <input checked="" type="checkbox"/>	<u>UNIPROT:Q1FSE1_9GAMM</u>	Cyclic nucleotide-binding: Sodium/hydrogen exchanger.	812	809	43	62	1.3e-79
15 <input checked="" type="checkbox"/>	<u>UNIPROT:Q23FX2_TETTH</u>	Sodium/hydrogen exchanger family protein.	1071	476	39	56	3.9e-68
16 <input checked="" type="checkbox"/>	<u>UNIPROT:Q4QB80_LEIMA</u>	Na/H antiporter-like protein.	1500	660	38	57	1.5e-62
17 <input checked="" type="checkbox"/>	<u>UNIPROT:Q22D73_TETTH</u>	Sodium/hydrogen exchanger family protein.	1148	560	31	58	1.1e-57
18 <input checked="" type="checkbox"/>	<u>UNIPROT:Q4D226_TRYCR</u>	Na/H antiporter-like protein, putative.	1208	612	33	57	1.1e-57
19 <input checked="" type="checkbox"/>	<u>UNIPROT:Q5XVN1_TOXGO</u>	Putative sodium hydrogen exchanger.	823	594	35	56	8.1e-57
20 <input checked="" type="checkbox"/>	<u>UNIPROT:Q5CL16_CRYHO</u>	Na+/H+ antiporter.	926	585	34	56	2.9e-55
21 <input checked="" type="checkbox"/>	<u>UNIPROT:Q7YY71_CRYPV</u>	Na+/H+ antiporter, possible (Possible Na+/H+ and K+/H+ antiporter with 12 transmembrane domains, duplicated adjacent gene).	927	585	34	56	2.9e-55
22 <input checked="" type="checkbox"/>	<u>UNIPROT:Q5CL15_CRYHO</u>	Na+/H+ antiporter.	871	562	35	55	6.5e-53
23 <input checked="" type="checkbox"/>	<u>UNIPROT:Q7YY72_CRYPV</u>	Na+/H+ antiporter, possible (Possible Na+/H+ and K+/H+ antiporter with 12 transmembrane domains, duplicated adjacent gene).	871	562	35	55	6.5e-53
24 <input checked="" type="checkbox"/>	<u>UNIPROT:Q0EW88_9PROT</u>	Putative sodium/hydrogen exchanger family protein.	840	556	34	56	2.2e-52
25 <input checked="" type="checkbox"/>	<u>UNIPROT:Q23XC6_TETTH</u>	Sodium/hydrogen exchanger family protein.	1124	533	34	57	2.8e-49
26 <input checked="" type="checkbox"/>	<u>UNIPROT:Q4UEZ0_THEAN</u>	Sodium/hydrogen exchanger, putative.	925	529	29	54	3.9e-49
27 <input checked="" type="checkbox"/>	<u>UNIPROT:Q6RYT4_TOXGO</u>	Sodium/hydrogen exchanger 1.	2097	536	34	52	4.7e-49
28 <input checked="" type="checkbox"/>	<u>UNIPROT:Q93HU4_APHHA</u>	Na+/H+ antiporter.	521	485	31	55	2.9e-45
29 <input checked="" type="checkbox"/>	<u>UNIPROT:Q4C008_CROWT</u>	Sodium/hydrogen exchanger.	521	477	31	54	2.0e-44
30 <input checked="" type="checkbox"/>	<u>UNIPROT:P73863_SYN13</u>	Eukaryotic Na+/H+ exchanger (Na+/H+ antiporter).	527	477	32	55	2.0e-44
31 <input checked="" type="checkbox"/>	<u>UNIPROT:Q2KTW7_BORA1</u>	Putative sodium/hydrogen antiporter precursor.	863	477	30	53	1.3e-43
32 <input checked="" type="checkbox"/>	<u>UNIPROT:Q47YN7_COLP3</u>	Na+/H+ antiporter NhaP.	399	468	32	52	1.8e-43
33 <input checked="" type="checkbox"/>	<u>UNIPROT:Q4Y1L7_PLACH</u>	Sodium/hydrogen exchanger, putative (Fragment).	1409	476	28	52	5.9e-43
34 <input checked="" type="checkbox"/>	<u>UNIPROT:Q1D257_MYXXD</u>	Na+/H+ antiporter.	536	457	32	54	2.7e-42
35 <input checked="" type="checkbox"/>	<u>UNIPROT:Q09AB6_STIAU</u>	Na+/H+ antiporter.	535	456	31	53	3.4e-42
36 <input checked="" type="checkbox"/>	<u>UNIPROT:Q4Z715_PLABE</u>	Sodium/hydrogen exchanger, putative (Fragment).	1504	468	29	53	4.8e-42

37 <input checked="" type="checkbox"/>	<u>UNIPROT:Q7RKH0_PLAYO</u>	Sodium/hydrogen exchanger family protein, putative.	1688	467	28	52	7.4e-41
38 <input checked="" type="checkbox"/>	<u>UNIPROT:Q8IEI0_PLAF7</u>	Sodium/hydrogen exchanger, putative.	1920	465	30	54	1.5e-41
39 <input checked="" type="checkbox"/>	<u>UNIPROT:Q2FRC4_METHJ</u>	Sodium/hydrogen exchanger.	705	452	33	54	2.5e-41
40 <input checked="" type="checkbox"/>	<u>UNIPROT:Q7W305_BORPA</u>	Putative sodium/hydrogen exchanger family.	847	455	30	52	3.0e-41
41 <input checked="" type="checkbox"/>	<u>UNIPROT:Q7WE05_BORBR</u>	Putative sodium/hydrogen exchanger family.	847	455	30	52	3.0e-41
42 <input checked="" type="checkbox"/>	<u>UNIPROT:Q7VT11_BORPE</u>	Putative sodium/hydrogen exchanger family.	847	453	30	52	4.9e-41
43 <input checked="" type="checkbox"/>	<u>UNIPROT:Q3J0T2_RHOS4</u>	Putative Na+/H+ antiporter with cyclic nucleotide-binding domain.	832	450	30	53	9.8e-41
44 <input checked="" type="checkbox"/>	<u>UNIPROT:Q6ANW7_DESPS</u>	Related to Na+/H+ antiporter.	430	438	30	52	2.8e-40
45 <input checked="" type="checkbox"/>	<u>UNIPROT:Q31NS5_SYNP7</u>	Na+/H+ antiporter precursor.	547	436	30	51	4.5e-40
46 <input checked="" type="checkbox"/>	<u>UNIPROT:Q5N5E1_SYNP6</u>	Na+/H+ antiporter.	534	429	30	53	2.5e-39
47 <input checked="" type="checkbox"/>	<u>UNIPROT:Q162C3_ROSDD0</u>	Sodium/hydrogen exchanger family, putative.	838	436	31	52	3.3e-39
48 <input checked="" type="checkbox"/>	<u>UNIPROT:Q8YNE6_ANASP</u>	Na+/H+-exchanging protein.	520	424	30	52	8.4e-39
49 <input checked="" type="checkbox"/>	<u>UNIPROT:Q5FUY2_GLUOX</u>	Putative Na+/H+ Antiporter.	858	430	26	50	1.6e-38
50 <input checked="" type="checkbox"/>	<u>UNIPROT:Q4CK89_TRYCR</u>	Na/H antiporter-like protein, putative (Fragment).	264	420	36	59	2.2e-38

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